Submanifold Geometry and Lie Group Action 2026

Date : December 7 - 8, 2026

Place : Tokyo University of Science, Kagurazaka Campus

Morito Memorial Hall, Forum No.1 (Dec. 7), N0.2(Dec. 8)

Program

December 7

・:10:00 - 11:00

Speaker: Haruka Sugai (Tokyo University of Science)

Title: Classification of SNC-algebras in dimension five

・11:10 - 12:10

Speaker: Fumika Mizoguchi (Nara Wemen's University)

Title: Geometric structures on nilpotent and solvable Lie algebras obtained by quivers

Lunch

・14:00 - 15:00

Speaker: Takashi Sakai (Tokyo Metropolitan University)

Title: Polars and antipodal sets for the outer 3-symmetric space $\mathbb{S}^7 \times \mathbb{S}^7$

・15:10 - 16:10

Speaker: Kazuyuki Hasegawa (Kanazawa University)

Title: Quaternionic complex manifolds and fixed-point sets of S^1-actions

・16:20 – 17:20

Speaker: Tatsuya Tate (Tohoku University)

Title: Spectral geometry of the horizontal Laplacian on a locally Riemannian product submersion

party (18:00～20:00)

December 8

・10:00 - 11:00

Speaker: Riku Kishida (Institute of Science Tokyo)

Title: Zero mean curvature surfaces with singularities in 3-dimensional spaces with degenerate metrics

・11:10 - 12:10

Speaker: Katsuhiro Moriya (University of Hyogo)

Title: Representation formulas for minimal timelike surfaces in four-dimensional pseudo-Euclidean space

Lunch

・14:00 - 15:00

Speaker: Naotoshi Fujihara (Tokyo University of Science)

Title: Isotropy-invariant self-shrinking hypersurfaces and geodesics

・15:10 - 16:10

Speaker: Keita Kunikawa (Tokushima University)

Title: Counterexamples to preservation of flat normal bundles under mean curvature flow

・16:20 – 17:20

Speaker: Yohei Sakurai (Saitama University)

Title: Stability of weighted minimal hypersurfaces under a lower 1-weighted Ricci curvature bound